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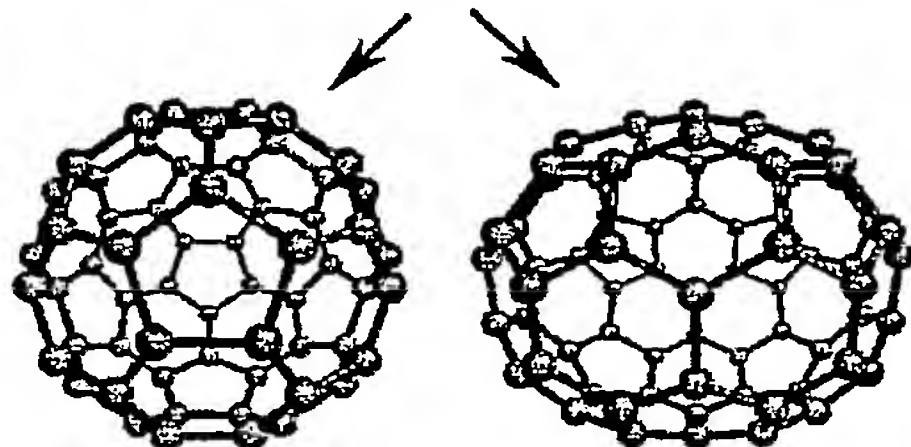
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(54) Title: TRIMETASPHERES AS DRY LUBRICANTS, WET LUBRICANTS, LUBRICANT ADDITIVES, LUBRICANT COATINGS, CORROSION-RESISTANT COATINGS AND THERMALLY-CONDUCTIVE MATERIALS

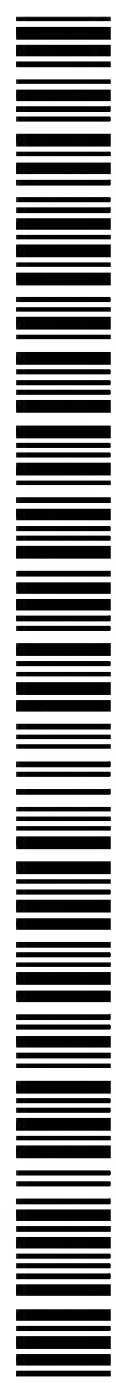
Empty Cage Fullerenes



$C_{60} (I_h)$

$C_{70} (D_{5h})$

(57) Abstract: Lubricants including at least one trimetasphere, lubricant additives including at least one trimetasphere, lubricant coatings including at least one trimetasphere, corrosion-resistant coatings including at least one trimetasphere and thermally-conductive materials comprising at least one trimetasphere are provided. Methods of making and using such lubricants, additives, coatings and materials are also provided.



WO 2006/025869 A2